



# **STIC Search Report**

## **Biotech-Chem Library**

**STIC Database Tracking Number: 160693**

**TO: Ben Sackey**  
**Location: 5b31/5c18**  
**Art Unit: 1626**  
**Wednesday, July 27, 2005**

**Case Serial Number: 10/677972**

**From: Noble Jarrell**  
**Location: Biotech-Chem Library**  
**Rem 1B71**  
**Phone: 272-2556**

**Noble.jarrell@uspto.gov**

### **Search Notes**

=> d his full

(FILE 'HOME' ENTERED AT 12:56:36 ON 27 JUL 2005)

FILE 'HCAPLUS' ENTERED AT 12:56:44 ON 27 JUL 2005

L1 6 SEA ABB=ON PLU=ON (US2004063766 OR US2004044074)/PN OR  
(WO2002-EP568# OR CH2001-97#)/AP,PRN  
L2 1 SEA ABB=ON PLU=ON ("137:135058"/AN OR "2002:594606"/AN) AND  
L1

FILE 'REGISTRY' ENTERED AT 13:00:39 ON 27 JUL 2005

FILE 'HCAPLUS' ENTERED AT 13:00:41 ON 27 JUL 2005  
L3 TRA L2 1- RN : 38 TERMS

FILE 'REGISTRY' ENTERED AT 13:00:41 ON 27 JUL 2005  
L4 38 SEA ABB=ON PLU=ON L3

FILE 'WPIX' ENTERED AT 13:01:05 ON 27 JUL 2005  
L5 4 SEA ABB=ON PLU=ON (US2004063766 OR US2004044074)/PN OR  
(WO2002-EP568 OR CH2001-97#)/AP,PRN  
SEL AN 4 L5  
L6 1 SEA ABB=ON PLU=ON 2002-698533/AN AND L5

=> b hcap;d all l2

FILE 'HCAPLUS' ENTERED AT 13:02:25 ON 27 JUL 2005  
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FILE COVERS 1907 - 27 Jul 2005 VOL 143 ISS 5  
FILE LAST UPDATED: 26 Jul 2005 (20050726/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

L2 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2005 ACS on STN  
AN 2002:594606 HCAPLUS  
DN 137:135058  
ED Entered STN: 09 Aug 2002  
TI Pharmaceutical composition containing aminoacetonitrile compounds for control of endoparasitic pests in animals  
IN Ducray, Pierre; Bouvier, Jacques  
PA Novartis Ag, Switz.; Novartis-Erfindungen Verwaltungsgesellschaft M.B.H.  
SO PCT Int. Appl., 36 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
IC ICM A01N037-34  
ICS A61K031-277  
CC 1-5 (Pharmacology)

Section cross-reference(s): 5, 63

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002060257	A1	20020808	WO 2002-EP568	20020121 <--
	W:			AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	
	RW:			AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR	
	CA 2429493	AA	20020808	CA 2002-2429493	20020121 <--
	EP 1367891	A1	20031210	EP 2002-719711	20020121 <--
	R:			AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR	
	BR 2002006576	A	20031216	BR 2002-6576	20020121 <--
	JP 2004524299	T2	20040812	JP 2002-560463	20020121 <--
	ZA 2003004017	A	20040709	ZA 2003-4017	20030523 <--
	US 2004044074	A1	20040304	US 2003-466824	20030721 <--
	US 2004063766	A1	20040401	US 2003-677972	20031002 <--
PRAI	CH 2001-97	A	20010122	<--	
	WO 2002-EP568	W	20020121	<--	
	US 2003-466824	A3	20030721		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
WO 2002060257	ICM	A01N037-34
	ICS	A61K031-277
WO 2002060257	ECLA	A61K031/277
JP 2004524299	FTERM	4C206/AA01; 4C206/AA02; 4C206/HA13; 4C206/MA01; 4C206/MA04; 4C206/NA14; 4C206/ZB39; 4C206/ZC61; 4H011/AC01; 4H011/BA01; 4H011/BB06; 4H011/BC02; 4H011/BC03; 4H011/BC05; 4H011/BC06; 4H011/BC08; 4H011/BC09; 4H011/BC18; 4H011/BC19; 4H011/BC20; 4H011/BC22; 4H011/DA02; 4H011/DA03; 4H011/DA04; 4H011/DA13; 4H011/DC05; 4H011/DC06; 4H011/DC08; 4H011/DC10; 4H011/DD07; 4H011/DH03; 4H011/DH10
US 2004044074	NCL	514/521.000
	ECLA	A61K031/277
US 2004063766	NCL	514/357.000; 514/345.000; 514/521.000
	ECLA	A61K031/277

OS MARPAT 137:135058

AB Aminoacetonitrile compds. (Ar1) (R1) (R2)CC(:O)N(R3)C(R4) (CN)CH(R5)OAr2 (Markush included) are used to control of endoparasites, especially helminths, in warm-blooded productive livestock and domestic animals.

ST aminoacetonitrile parasiticide anthelmintic livestock domestic animal; pharmaceutical aminoacetonitrile endoparasite helminth livestock

IT Drug delivery systems (bolus; pharmaceutical composition containing aminoacetonitrile compds. for control of endoparasites in animals)

IT Parasiticides (endoparasiticide; pharmaceutical composition containing aminoacetonitrile compds. for control of endoparasites in animals)

IT Drug delivery systems (granules; pharmaceutical composition containing aminoacetonitrile compds. for control of endoparasites in animals)

IT Kaolin, uses

Peanut oil

Polyoxyalkylenes, uses

RL: MOA (Modifier or additive use); USES (Uses)

(in pharmaceutical composition containing aminoacetonitrile compds. for control of endoparasites in animals)

IT Drug delivery systems

(injections; pharmaceutical composition containing aminoacetonitrile compds. for

control of endoparasites in animals)

IT Domestic animal  
Livestock  
(pharmaceutical composition containing aminoacetonitrile compds. for control of endoparasites in)

IT Anthelmintics  
Pesticide formulations  
(pharmaceutical composition containing aminoacetonitrile compds. for control of endoparasites in animals)

IT Castor oil  
RL: MOA (Modifier or additive use); USES (Uses)  
(polyethoxylated; in pharmaceutical composition containing aminoacetonitrile compds. for control of endoparasites in animals)

IT Fats and Glyceridic oils, uses  
RL: MOA (Modifier or additive use); USES (Uses)  
(sesame; in pharmaceutical composition containing aminoacetonitrile compds. for control of endoparasites in animals)

IT Drug delivery systems  
(solns.; pharmaceutical composition containing aminoacetonitrile compds. for control of endoparasites in animals)

IT Drug delivery systems  
(tablets; pharmaceutical composition containing aminoacetonitrile compds. for control of endoparasites in animals)

IT Drug delivery systems  
(topical, pour-on; pharmaceutical composition containing aminoacetonitrile compds. for control of endoparasites in animals)

IT Glycerides, uses  
RL: MOA (Modifier or additive use); USES (Uses)  
(triglycerides, medium-chained; in pharmaceutical composition containing aminoacetonitrile compds. for control of endoparasites in animals)

IT 9005-25-8, Starch, uses  
RL: MOA (Modifier or additive use); USES (Uses)  
(corn; in pharmaceutical composition containing aminoacetonitrile compds. for control of endoparasites in animals)

IT 63-42-3, Lactose  
RL: MOA (Modifier or additive use); USES (Uses)  
(crystalline; in pharmaceutical composition containing aminoacetonitrile compds. for control of endoparasites in animals)

for control of endoparasites in animals)

IT 57-55-6, 1,2-Propanediol, uses 64-17-5, Ethanol, uses 67-63-0, Isopropanol, uses 100-51-6, Benzyl alcohol, uses 100-79-8, Glycerol dimethyl ketal 110-27-0, Isopropyl myristate 557-04-0, Magnesium stearate 872-50-4, N-Methylpyrrolidone, uses 1343-98-2, Silicic acid 5464-28-8, 4-Hydroxymethyl-1,3-Dioxolane 9004-67-5, Methylcellulose 9005-65-6 12174-11-7, Attapulgit 25322-68-3, Polyethylene glycol 34316-64-8, Hexyl laurate  
RL: MOA (Modifier or additive use); USES (Uses)  
(in pharmaceutical composition containing aminoacetonitrile compds. for control of endoparasites in animals)

IT 9004-34-6, Cellulose, uses  
RL: MOA (Modifier or additive use); USES (Uses)  
(microcryst.; in pharmaceutical composition containing aminoacetonitrile compds. for control of endoparasites in animals)

IT 540-61-4D, Aminoacetonitrile, derivs. 247197-14-4 247197-15-5  
247197-20-2 247197-22-4 247197-37-1 247197-39-3 247197-41-7  
247197-43-9 247197-47-3 247197-50-8 247197-52-0 247197-54-2  
247197-56-4 247197-57-5 247197-62-2 247197-66-6 247197-67-7  
444881-92-9 444881-93-0  
RL: BSU (Biological study, unclassified); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(pharmaceutical antiparasitic composition containing)

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

- (1) Bouvier, J; WO 0249641 A 2002 HCAPLUS
- (2) Ducray, P; WO 0250052 A 2002 HCAPLUS
- (3) Nihon Nohyaku Co Ltd; EP 0953565 A 1999 HCAPLUS

=> b reg

FILE 'REGISTRY' ENTERED AT 13:02:31 ON 27 JUL 2005

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STRUCTURE FILE UPDATES: 26 JUL 2005 HIGHEST RN 857144-48-0

DICTIONARY FILE UPDATES: 26 JUL 2005 HIGHEST RN 857144-48-0

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\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d ide l4 tot

L4 ANSWER 1 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN

RN 444881-93-0 REGISTRY

ED Entered STN: 26 Aug 2002

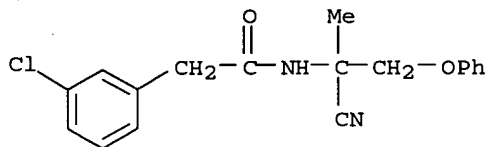
CN Benzeneacetamide, 3-chloro-N-(1-cyano-1-methyl-2-phenoxyethyl)- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C18 H17 Cl N2 O2

SR CA

LC STN Files: CA, CAPLUS, USPATFULL



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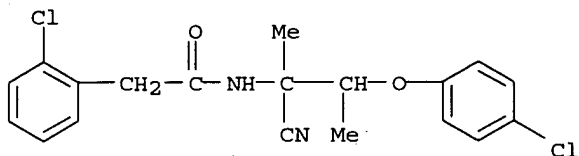
1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 2 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN

Search done by Noble Jarrell

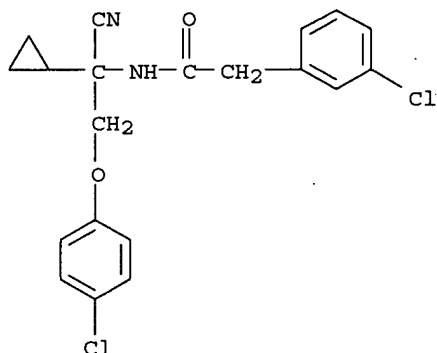
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 MF C19 H18 Cl2 N2 O2  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL



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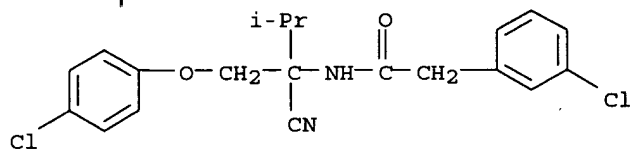
L4 ANSWER 3 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 247197-67-7 REGISTRY  
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 LC STN Files: CA, CAPLUS, USPATFULL



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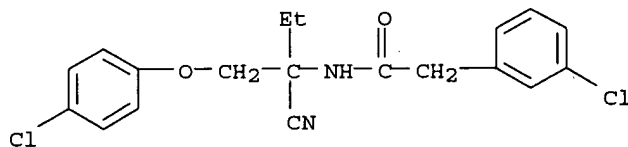
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 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL



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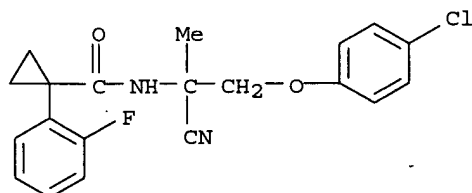
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RN 247197-62-2 REGISTRY  
ED Entered STN: 16 Nov 1999  
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FS 3D CONCORD  
MF C19 H18 Cl2 N2 O2  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL



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3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 6 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 247197-57-5 REGISTRY  
ED Entered STN: 16 Nov 1999  
CN Cyclopropanecarboxamide, N-[2-(4-chlorophenoxy)-1-cyano-1-methylethyl]-1-  
(2-fluorophenyl)- (9CI) (CA INDEX NAME)  
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SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

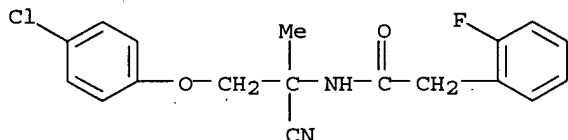


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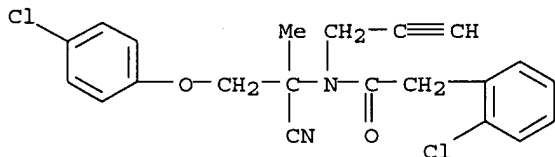
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LC STN Files: CA, CAPLUS, USPATFULL



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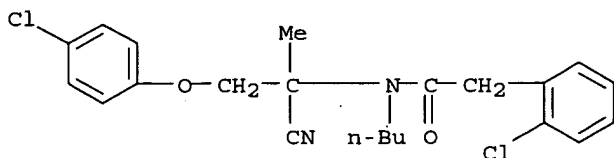


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RN 247197-52-0 REGISTRY  
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CN Benzeneacetamide, N-butyl-2-chloro-N-[2-(4-chlorophenoxy)-1-cyano-1-  
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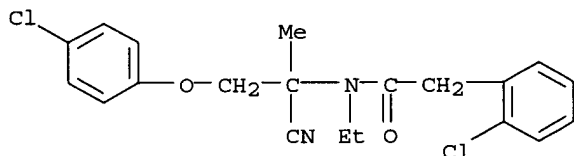




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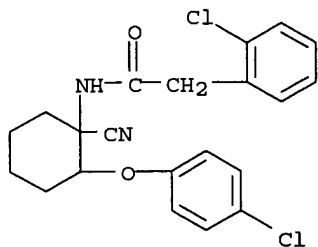
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LC STN Files: CA, CAPLUS, USPATFULL



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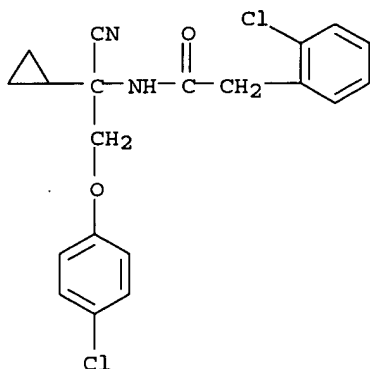
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LC STN Files: CA, CAPLUS, USPATFULL



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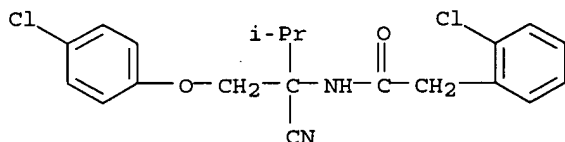
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L4 ANSWER 13 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN  
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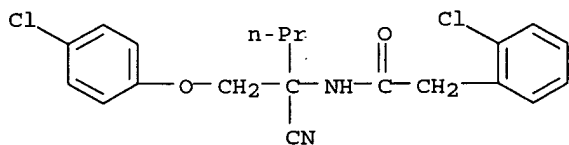


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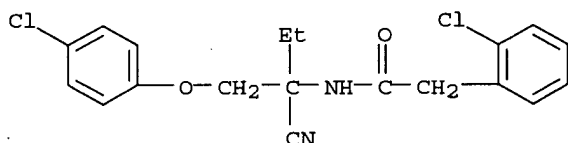
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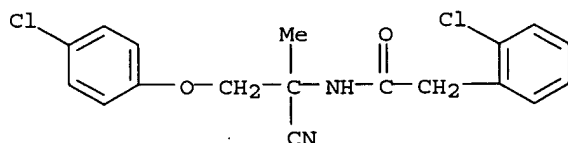
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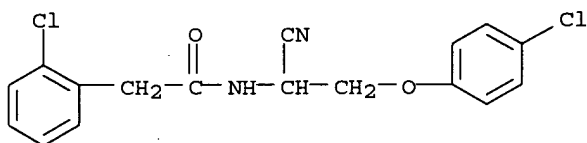
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4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

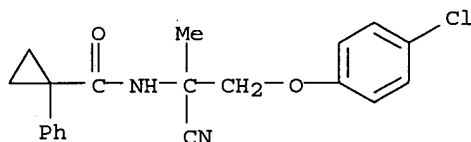
L4 ANSWER 17 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 247197-20-2 REGISTRY  
ED Entered STN: 16 Nov 1999  
CN Benzeneacetamide, 2-chloro-N-[2-(4-chlorophenoxy)-1-cyanoethyl]- (9CI)  
(CA INDEX NAME)  
FS 3D CONCORD  
MF C17 H14 Cl2 N2 O2  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL



## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1907 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

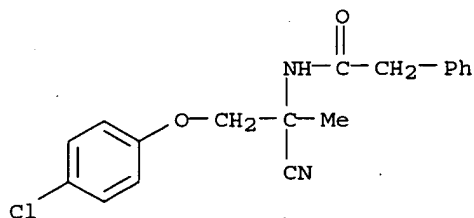
L4 ANSWER 18 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 247197-15-5 REGISTRY  
ED Entered STN: 16 Nov 1999  
CN Cyclopropanecarboxamide, N-[2-(4-chlorophenoxy)-1-cyano-1-methylethyl]-1-phenyl- (9CI) (CA INDEX NAME)  
MF C20 H19 Cl N2 O2  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL



## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

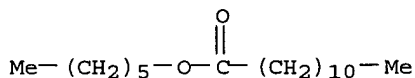
L4 ANSWER 19 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 247197-14-4 REGISTRY  
ED Entered STN: 16 Nov 1999  
CN Benzeneacetamide, N-[2-(4-chlorophenoxy)-1-cyano-1-methylethyl]- (9CI)  
(CA INDEX NAME)  
FS 3D CONCORD  
MF C18 H17 Cl N2 O2  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1907 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4. ANSWER 20 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 34316-64-8 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Dodecanoic acid, hexyl ester (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Lauric acid, hexyl ester (6CI, 7CI, 8CI)  
OTHER NAMES:  
CN Cetiol A  
CN Crodamol HL-R  
CN Hexyl dodecanoate  
CN Hexyl laurate  
CN n-Hexyl laurate  
CN Standamul CTA  
FS 3D CONCORD  
MF C18 H36 O2  
LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CASREACT, CHEMLIST, DDFU,  
DRUGU, GMELIN\*, IFICDB, IFIUDB, IPA, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

258 REFERENCES IN FILE CA (1907 TO DATE)  
260 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4. ANSWER 21 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 25322-68-3 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN  $\alpha$ , $\omega$ -Hydroxypoly(ethylene oxide)  
CN  $\alpha$ -Hydro- $\omega$ -hydroxypoly(oxy-1,2-ethanediyl)  
CN  $\alpha$ -Hydro- $\omega$ -hydroxypoly(oxyethylene)  
CN 1,2-Ethanediol, homopolymer  
CN 12: PN: WO2005049096 PAGE: 16 claimed sequence  
CN 16600  
CN 1660S  
CN 400DAB8

CN Alkox  
CN Alkox E 100  
CN Alkox E 130  
CN Alkox E 160  
CN Alkox E 240  
CN Alkox E 30  
CN Alkox E 30G  
CN Alkox E 45  
CN Alkox E 60  
CN Alkox E 75  
CN Alkox R 100  
CN Alkox R 1000  
CN Alkox R 15  
CN Alkox R 150  
CN Alkox R 400  
CN Alkox SR  
CN Alkox SW  
CN Antarox E 4000  
CN Aquacide III  
CN Aquaffin  
CN Badimol  
CN BDH 301  
CN Bradsyn PEG  
CN Breox 2000  
CN Breox 20M  
CN Breox 4000  
CN Breox 550  
CN Breox PEG 300  
CN CAFO 154  
CN Carbowax  
CN Carbowax 100  
CN Carbowax 1000  
CN Carbowax 1350  
CN Carbowax 14000  
CN Carbowax 1450  
CN Carbowax 1500  
CN Carbowax 1540  
CN Carbowax 20  
CN Carbowax 200  
CN Carbowax 20000  
CN Carbowax 25000  
CN Carbowax 300

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

AR 9002-90-8  
DR 615575-04-7, 12676-74-3, 12770-93-3, 9081-95-2, 9085-02-3, 9085-03-4,  
174460-08-3, 174460-09-4, 54510-95-1, 125223-68-9, 54847-64-2, 59763-40-5,  
64441-68-5, 64640-28-4, 133573-31-6, 25104-58-9, 25609-81-8, 134919-43-0,  
101677-86-5, 99264-61-6, 106186-24-7, 112895-21-3, 114323-93-2,  
50809-04-6, 50809-59-1, 119219-06-6, 60894-12-4, 61840-14-0, 37361-15-2,  
112384-37-9, 67411-64-7, 70926-57-7, 75285-02-8, 75285-03-9, 77986-38-0,  
150872-82-5, 154394-38-4, 79964-26-4, 80341-53-3, 85399-22-0, 85945-29-5,  
90597-70-9, 88077-80-9, 88747-22-2, 34802-42-1, 107502-63-6, 107529-96-4,  
116549-90-7, 156948-19-5, 169046-53-1, 188364-77-4, 188924-03-0,  
189154-62-9, 191743-71-2, 196696-84-1, 201163-43-1, 206357-86-0,  
221638-71-7, 225502-44-3, 270910-26-4, 307928-07-0, 356055-70-4,  
391229-98-4

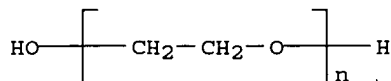
MF (C2 H4 O)n H2 O

CI PMS, COM

PCT Polyether

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOBUSINESS, BIOSIS,  
BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,  
CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSChem, CSNB, DDFU, DETHERM\*,  
DIOGENES, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2,  
HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC,  
PDLCOM\*, PIRA, PROMT, RTECS\*, SCISEARCH, SPECINFO, TOXCENTER, TULSA,

ULIDAT, USAN, USPAT2, USPATFULL, VETU, VTB  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, TSCA\*\*, WHO  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

83536 REFERENCES IN FILE CA (1907 TO DATE)  
 22492 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 83702 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 22 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 12174-11-7 REGISTRY  
 ED Entered STN: 05 Jul 1989  
 CN Palygorskite ([Mg(Al<sub>0.5</sub>-1Fe<sub>0-0.5</sub>)]Si<sub>4</sub>(OH)O<sub>10</sub>.4H<sub>2</sub>O) (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Palygorskite (8CI)  
 OTHER NAMES:  
 CN 200U/P-RVM  
 CN Attaclay  
 CN Attaclay X 250  
 CN Attacote  
 CN Attagel  
 CN Attagel 150  
 CN Attagel 2059  
 CN Attagel 30  
 CN Attagel 350  
 CN Attagel 36  
 CN Attagel 40  
 CN Attagel 50  
 CN Attagel All  
 CN Attagel DC 150  
 CN Attapulgate  
 CN Attasorb  
 CN CAA  
 CN DC 150  
 CN Diluex  
 CN L 96117  
 CN Microsorb 350  
 CN Min-U-Gel 100  
 CN Min-U-Gel 200  
 CN Min-U-Gel 400  
 CN Min-U-Gel AR  
 CN Min-U-Gel FG  
 CN Min-U-Gel G 35  
 CN OF 400  
 CN Permagel  
 CN Pharmasorb Regular  
 CN RVM-FG  
 CN Super Gel B  
 CN X 250  
 CN Zeogel  
 DR 12174-28-6, 1337-76-4, 64418-16-2, 61180-55-0, 37189-50-7, 137546-91-9,  
 71396-54-8  
 MF Al . Fe . 4 H<sub>2</sub> O . H O . Mg . O<sub>5</sub> Si<sub>2</sub>  
 AF Al<sub>0.5</sub>-1 Fe<sub>0-0.5</sub> H Mg O<sub>11</sub> Si<sub>4</sub> . 4 H<sub>2</sub> O  
 CI MNS, COM  
 LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA,  
 CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN,

CSCHEM, CSNB, DDFU, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS\*, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL, VETU, VTB

(\*File contains numerically searchable property data)

CM 1

CRN 111059-81-5

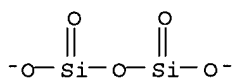
CMF Al . Fe . H O . Mg . O5 Si2

CCI TIS

CM 2

CRN 20328-07-8

CMF O5 Si2



CM 3

CRN 14280-30-9

CMF H O

OH<sup>-</sup>

CM 4

CRN 7439-95-4

CMF Mg

Mg

CM 5

CRN 7439-89-6

CMF Fe

Fe

CM 6

CRN 7429-90-5

CMF Al

Al

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

Search done by Noble Jarrell



3600 REFERENCES IN FILE CA (1907 TO DATE)  
60 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
3607 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 23 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 9005-65-6 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Sorbitan, mono-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivs.  
(9CI) (CA INDEX NAME)

## OTHER CA INDEX NAMES:

CN Glycols, polyethylene, ether with sorbitan monooleate (8CI)

## OTHER NAMES:

CN Alkamuls PSMO 20  
CN Alkamuls T 80  
CN Atlox 1087  
CN Atlox 8916TF  
CN Canarsel TW 80  
CN Capmul POE-O  
CN Cemerol T 80  
CN Cemesol TW 1020  
CN Crill 10  
CN Crill 11  
CN Crill S 10  
CN Crillet 4  
CN Crillet 4 Super  
CN Crillet 41  
CN Disponil SMO 120  
CN Durfax 80  
CN E 433  
CN E 433 (polyglycol)  
CN Ecoteric T 80  
CN Emasol O 105R  
CN Emsorb 6900  
CN Emulson 100M.  
CN Ethoxylated sorbitan monooleate  
CN Ethylan GE 08  
CN Ethylene oxide-sorbitan monooleate polymer  
CN Eumulgin SMO 20  
CN Flo Mo SMO 20  
CN Glycosperse O 20  
CN Glycosperse O 5  
CN Hexaethylene glycol sorbitan monooleate  
CN Hodag SVO 9  
CN Ionet T 80  
CN Ionet T 80C  
CN Lamesorb SMO 20  
CN MO 55F  
CN Montanox 80  
CN Montanox 81VG  
CN Montanox DF 80  
CN Myvatex MSPS  
CN Nikkol TO 10  
CN Nikkol TO 106  
CN Nikkol TO 10M  
CN Nissan Nonion OT 221  
CN Nonio-light O-30  
CN Nonio-light SPO 1  
CN Nonion OT 221  
CN Olothorb  
CN PEO(20) sorbitan monooleate  
CN POE sorbitan monooleate  
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY  
DR 8050-83-7, 9015-07-0, 9050-49-1, 9050-57-1, 1340-85-8, 51377-27-6,  
61723-75-9, 37199-23-8, 37280-84-5, 141927-23-3, 178631-96-4, 209796-63-4,

361534-35-2, 541509-66-4  
MF Unspecified  
CI PMS, COM, MAN  
PCT Manual registration, Polyether  
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOBUSINESS, BIOSIS,  
BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST,  
CIN, CSChem, CSNB, DDFU, DIOGENES, DRUGU, EMBASE, HSDB\*, IFICDB, IFIPAT,  
IFIUDB, IPA, MRCK\*, MSDS-OHS, NIOSHTIC, PDLCOM\*, PIRA, PROMT, RTECS\*,  
SCISEARCH, TOXCENTER, USAN, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

10766 REFERENCES IN FILE CA (1907 TO DATE)  
53 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
10802 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 24 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN

RN 9005-25-8 REGISTRY

ED Entered STN: 16 Nov 1984

CN Starch (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN  $\alpha$ -Starch  
CN Absorbo HP  
CN Ace P 320  
CN Actobody TP 2  
CN Aeromyl 115  
CN Agglofroid 009  
CN Agglofroid 313E  
CN Allbond 200  
CN Alphajel KS 37  
CN Alstar B  
CN Alstar H  
CN Amaizo 100  
CN Amaizo 213  
CN Amaizo 310  
CN Amaizo 5  
CN Amaizo 71  
CN Amaizo 710  
CN Amaizo W 13  
CN Amalean I-A 2131  
CN Amalean I-A 7081  
CN Amicoa  
CN Amidex 3001  
CN Amidex 3005  
CN Amidex 4001  
CN Amido-STA 1500  
CN Amigel  
CN Amigel 12014  
CN Amigel 30076  
CN Amijel VA 160  
CN Amilys 100  
CN Amycol HF  
CN Amycol W  
CN Amylex 20/20  
CN Amylogel 03001  
CN Amylogel 03003  
CN Amylogum  
CN Amylomaize starch  
CN Amylomaize VI  
CN Amylomaize VII  
CN Amylon 70

Search done by Noble Jarrell

CN Amylose, mixt. with amylopectin  
CN Amylox 1  
CN Amylum  
CN Amyren 14  
CN Amyren 71  
CN Amsil K  
CN Amyzet TK  
CN Argo Corn Starch  
CN Arrowroot starch  
CN AS 225

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

DEF A high-polymeric carbohydrate material primarily composed of amylopectin  
and amylose. It is usually derived from cereal grains such as corn, wheat  
and sorghum, and from roots and tubers such as potatoes and tapioca. It  
includes starch which has been pregelatinized by heating in the presence  
of water.

DR 9057-05-0, 53262-79-6, 131800-97-0, 60496-95-9, 67674-80-0, 75138-75-9,  
75398-82-2, 154636-77-8, 152987-55-8, 85746-25-4, 42616-76-2, 53112-52-0,  
118550-61-1

MF Unspecified

CI PMS, COM, MAN

PCT Manual registration, Polyother, Polyother only

SR CA

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOBUSINESS, BIOSIS,  
BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,  
CHEMLIST, CIN, CSChem, CSNB, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT,  
IFIUDB, IPA, MEDLINE, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM\*, PIRA,  
PROMT, RTECS\*, TOXCENTER, USAN, USPAT2, USPATFULL, VTB

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

74262 REFERENCES IN FILE CA (1907 TO DATE)

7896 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

74361 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 25 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN

RN 9004-67-5 REGISTRY

ED Entered STN: 16 Nov 1984

CN Cellulose, methyl ether (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN Adulsin  
CN Avicel SG  
CN Bagolax  
CN Benecel M 0  
CN Benecel M 02  
CN Benecel M 043  
CN Benecel MC 4000PS  
CN Benecel MO 42  
CN Bufapto Methalose  
CN Bulkaloid  
CN Celacol M  
CN Celacol M 20  
CN Celacol M 20P  
CN Celacol M 2500  
CN Celacol M 450  
CN Celacol MM  
CN Celacol MM 10P  
CN Celacol MMPR  
CN Celacol WA  
CN Cellapret

CN Cellogran  
CN Cellothyl  
CN Cellulose methyrate  
CN Cellumeth  
CN Cerander YB 111A  
CN Cesca C 8556  
CN Cesca MC 25S  
CN Cesca MC 400  
CN Cethylose  
CN Cethytin  
CN Citrucel  
CN Cologel  
CN Culminal K 42  
CN Culminal MC  
CN Culminal MC 2000  
CN Culminal MC 25S  
CN Culminal MC 3000P  
CN Culminal MC 3000PR  
CN Culminal MC 40  
CN Culminal MC 60S  
CN Daicel 170  
CN E 461  
CN Edisol M  
CN EMP-H  
CN Hi-SM 4000  
CN Hydrolose  
CN M 043  
CN M 100  
CN M 100 (cellulose derivative)  
CN M 15

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

DR 53568-34-6, 71812-19-6, 88402-84-0, 39384-65-1, 99638-59-2

MF C H4 O . x Unspecified

CI COM

PCT Manual registration, Polyother, Polyother only

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOBUSINESS, BIOSIS,  
BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,  
CHEMLIST, CIN, CSCHM, CSNB, DDFU, DIOGENES, DRUGU, EMBASE, ENCOMPLIT,  
ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA,  
MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC, PDLCOM\*, PIRA, PROMT, RTECS\*,  
TOXCENTER, USAN, USPAT2, USPATFULL, VTB

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, TSCA\*\*, WHO

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 9004-34-6

CMF Unspecified

CCI PMS, MAN

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

CM 2

CRN 67-56-1

CMF C H4 O

H<sub>3</sub>C-OH

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

12779 REFERENCES IN FILE CA (1907 TO DATE)  
233 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
12805 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 26 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN

RN 9004-34-6 REGISTRY

ED Entered STN: 16 Nov 1984

CN Cellulose (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN  $\alpha$ -Cellulose

CN  $\beta$ -Amylose

CN 3mAQUACEL

CN 402-2B

CN Alicell LV

CN Alpha Cel PB 25

CN Alphafloc

CN Alwall Plus 15

CN Arbocel

CN Arbocel B 00

CN Arbocel B 600

CN Arbocel B 600/30

CN Arbocel B 800

CN Arbocel B 820C

CN Arbocel BC 1000

CN Arbocel BC 200

CN Arbocel BE 600

CN Arbocel BE 600/10

CN Arbocel BE 600/20

CN Arbocel BE 600/30

CN Arbocel BEM

CN Arbocel BFC 200

CN Arbocel BWB 40

CN Arbocel DC 1000

CN Arbocel FD 00

CN Arbocel FD 600/30

CN Arbocel FIC 200

CN Arbocel FT 40

CN Arbocel FT 600

CN Arbocel FT 600/30H

CN Arbocel G 350

CN Arbocel LZ 51

CN Arbocel M 80

CN Arbocel M 80P

CN Arbocel TF 30HG

CN Arbocel TP 40

CN Arbocell FT 600/30H

CN Arbocell TF 0406

CN Avicel

CN Avicel 101

CN Avicel 102

CN Avicel 2330

CN Avicel 2331

CN Avicel 955

CN Avicel CL 611

CN Avicel E 200

CN Avicel F 20

CN Avicel FD 100

CN Avicel FD 101

CN Avicel FD-F 20

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

DR 12656-52-9, 9012-19-5, 9037-50-7, 9076-30-6, 58968-67-5, 99331-82-5,  
67016-75-5, 67016-76-6, 51395-76-7, 61991-21-7, 61991-22-8, 68073-05-2,  
70225-79-5, 74623-16-8, 75398-83-3, 77907-70-1, 84503-75-3, 89468-66-6,  
39394-43-9, 209533-95-9

MF Unspecified

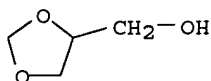
CI PMS, COM, MAN  
PCT Manual registration, Polyother, Polyother only  
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CHEMSAFE, CIN, CSCHM, CSNB, DDFU, DIOGENES, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PIRA, PROMT, RTECS\*, TOXCENTER, TULSA, ULIDAT, USAN, USPAT2, USPATFULL, VTB  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

86897 REFERENCES IN FILE CA (1907 TO DATE)  
9679 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
86983 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 27 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 5464-28-8 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 1,3-Dioxolane-4-methanol (7CI, 8CI, 9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN (1,3-Dioxolan-4-yl)methanol  
CN 1,2-(Methylidene)glycerol  
CN 1,3-Dioxolane-5-methanol  
CN 4-(Hydroxymethyl)-1,3-dioxolane  
CN Glycerin formal  
CN Glycerol  $\alpha$ -formal  
CN Glycerol formal  
CN NSC 15827  
FS 3D CONCORD  
DR 96480-04-5  
MF C4 H8 O3  
CI COM  
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, NIOSHTIC, RTECS\*, SCISEARCH, SPECINFO, TOXCENTER, USPATFULL, VETU  
(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

269 REFERENCES IN FILE CA (1907 TO DATE)  
15 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
269 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 28 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 1343-98-2 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Silicic acid (8CI, 9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 200FAD

CN Adsolider 102  
CN Aeroperl 90/30  
CN Betol  
CN Betol (acid)  
CN Cubosic  
CN H-Ilerit  
CN Hydrosilicic acid  
CN K 320DS  
CN K 60  
CN K 60 (silicate)  
CN Mikronisil  
CN Neoxyl ET  
CN Nipsil AQ-S  
CN Polyorthosilicic acid  
CN Polysilicic acid  
CN Silica acid  
CN Silicea  
CN Silicic acid hydrate  
CN Silicon hydroxide  
CN Siltan TF 06  
CN Sipernat 17  
CN Sipernat 320DS  
CN Sipernat 350  
CN Sipernat 500DS  
CN Sipernat S  
CN Sizol 0-30  
CN Tokusil PR  
CN Vulcasil S/GR  
CN Zeosil 500V  
DR 12673-75-5, 9063-16-5, 158296-67-4, 98530-20-2, 68373-08-0, 84141-05-9,  
42615-48-5, 245762-04-3, 511311-35-6  
MF Unspecified  
CI COM, MAN  
LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA,  
CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM,  
CSNB, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, HSDB\*,  
IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC,  
PDLCOM\*, PIRA, PROMT, RTECS\*, TOXCENTER, TULSA, ULIDAT, USPAT2,  
USPATFULL, VTB  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*Enter CHEMLIST File for up-to-date regulatory information)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

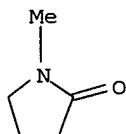
\*\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

7832 REFERENCES IN FILE CA (1907 TO DATE)  
1597 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
7840 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 29 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 872-50-4 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 2-Pyrrolidinone, 1-methyl- (7CI, 8CI, 9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1-Methyl-2-pyrrolidinone  
CN 1-Methyl-2-pyrrolidone  
CN 1-Methyl-5-pyrrolidinone  
CN 1-Methylazacyclopentan-2-one  
CN 1-Methylpyrrolidone  
CN AgsolEx 1  
CN M-Pyrol  
CN Microposit 2001  
CN N 0131  
CN N-Methyl- $\alpha$ -pyrrolidinone

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CN N-Methyl- $\alpha$ -pyrrolidone  
 CN N-Methyl- $\gamma$ -butyrolactam  
 CN N-Methyl-2-ketopyrrolidine  
 CN N-Methyl-2-pyrrolidinone  
 CN N-Methyl-2-pyrrolidone  
 CN N-Methylbutyrolactam  
 CN N-Methylpyrrolidone  
 CN NMP  
 CN NSC 4594  
 CN Pharnasolve  
 CN Pyrol M  
 CN SL 1332  
 FS 3D CONCORD  
 DR 53774-35-9, 57762-46-6, 26138-58-9  
 MF C5 H9 N O  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,  
 CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM\*,  
 DIPPR\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2,  
 GMELIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*,  
 MSDS-OHS, NAPRALERT, NIOSHTIC, PIRA, PROMT, PS, RTECS\*, SCISEARCH,  
 SPECINFO, SYNTHLINE, TOXCENTER, ULIDAT, USPAT2, USPATFULL, VTB  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

11789 REFERENCES IN FILE CA (1907 TO DATE)  
 173 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 11815 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 30 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 557-04-0 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN Octadecanoic acid, magnesium salt (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Magnesium stearate (7CI)  
 CN Stearic acid, magnesium salt (8CI)  
 OTHER NAMES:  
 CN Daiwax M  
 CN Dibasic magnesium stearate  
 CN EM 100  
 CN EM 100 (salt)  
 CN EM 112  
 CN EM 144  
 CN EM 612  
 CN Magnesium distearate  
 CN Magnesium octadecanoate  
 CN Magnesium stearic acid  
 CN NP 1500  
 CN NS-M  
 CN NS-M (salt)  
 CN Petrac MG 20NF  
 CN Pharma



CN SM  
 CN SM 1000  
 CN SM-P  
 CN Synpro 90  
 CN Synpro Magnesium Stearate 90  
 DR 212132-26-8  
 MF C18 H36 O2 . 1/2 Mg  
 CI COM  
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CAOLD, CAPLUS, CBNB, CEN, CHEMCATS, CHEMLIST, CIN,  
 CSCHEM, DDFU, DETHERM\*, DIOGENES, DRUGU, EMBASE, HSDB\*, IFICDB, IFIPAT,  
 IFIUDB, IPA, MRCK\*, MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS\*, SPECINFO,  
 TOXCENTER, TULSA, USAN, USPAT2, USPATFULL, VTB  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 CRN (57-11-4)

HO<sub>2</sub>C—(CH<sub>2</sub>)<sub>16</sub>—Me

● 1/2 Mg

**\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\***

5554 REFERENCES IN FILE CA (1907 TO DATE)  
 30 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 5570 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

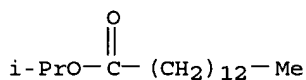
L4 ANSWER 31 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 540-61-4 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN Acetonitrile, amino- (8CI, 9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN α-Aminoacetonitrile  
 CN 1-Cyanomethylamine  
 CN 2-Aminoacetonitrile  
 CN AAN  
 CN Aminoacetonitrile  
 CN Cyanoaminomethane  
 CN Cyanomethylamine  
 CN Glycinenitrile  
 CN Glycinonitrile  
 FS 3D CONCORD  
 MF C2 H4 N2  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS,  
 CHEMINFORMRX, CHEMLIST, CSCHEM, DDFU, DIPPR\*, DRUGU, EMBASE, HODOC\*,  
 IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, NIOSHTIC, PS, RTECS\*,  
 TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)

H<sub>2</sub>N—CH<sub>2</sub>—C≡N

**\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\***

677 REFERENCES IN FILE CA (1907 TO DATE)  
 20 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 677 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 19 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 32 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 110-27-0 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN Tetradecanoic acid, 1-methylethyl ester (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Myristic acid, isopropyl ester (6CI, 7CI, 8CI)  
 OTHER NAMES:  
 CN 1-Methylethyl tetradecanoate  
 CN Bisomel  
 CN Crodacol IPM  
 CN Crodamol IPM  
 CN D 50  
 CN D 50 (emollient)  
 CN Delyl Extra  
 CN Emcol IM  
 CN Emerest 2314  
 CN Estol 1512  
 CN Estol 1514  
 CN Estol IPM 1512  
 CN IPM  
 CN IPM 100  
 CN IPM-EX  
 CN IPM-R  
 CN Isomyst  
 CN Isopropyl myristate  
 CN Isopropyl tetradecanoate  
 CN Kessco IPM  
 CN Kesscomir  
 CN NSC 406280  
 CN Pelemol IPM  
 CN Promyr  
 CN Radia 7190  
 CN Rilanit IPM  
 CN Sinnoester MIP  
 CN Stepan D 50  
 CN Tegosoftware M  
 CN Wickenol 101  
 FS 3D CONCORD  
 DR 1405-98-7  
 MF C17 H34 O2  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS,  
 CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DIPPR\*,  
 DRUGU, EMBASE, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE,  
 MRCK\*, MSDS-OHS, NIOSHTIC, PDLCOM\*, PROMT, RTECS\*, SCISEARCH, SPECINFO,  
 TOXCENTER, TULSA, USAN, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

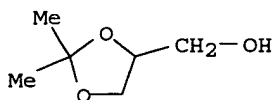
Search done by Noble Jarrell

2807 REFERENCES IN FILE CA (1907 TO DATE)  
3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
2815 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
30 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 33 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 100-79-8 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 1,3-Dioxolane-4-methanol, 2,2-dimethyl- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

## OTHER NAMES:

CN (±)-1,2-O-Isopropylideneglycerol  
CN (±)-2,2-Dimethyl-1,3-dioxolane-4-methanol  
CN (±)-Glycerol 1,2-acetonide  
CN (4RS)-2,2-Dimethyl-1,3-dioxolane-4-methanol  
CN (RS)-Solketal  
CN α,β-Isopropylideneglycerol  
CN 1,2-Isopropylideneglycerin  
CN 1,2-Isopropylideneglycerol  
CN 1,2-O,O-Isopropylideneglycerin  
CN 1,2-O-Isopropylideneglycerol  
CN 2,2-Dimethyl-1,3-dioxolan-4-methanol  
CN 2,2-Dimethyl-1,3-dioxolan-4-ylmethanol  
CN 2,2-Dimethyl-1,3-dioxolane-4-methanol  
CN 2,2-Dimethyl-1,3-dioxolane-5-methanol  
CN 2,2-Dimethyl-4-hydroxymethyl-1,3-dioxolan  
CN 2,2-Dimethyl-4-hydroxymethyl-1,3-dioxolane  
CN 2,2-Dimethyl-4-hydroxymethyldioxolane  
CN 2,2-Dimethyl-5-hydroxymethyl-1,3-dioxolane  
CN 2,3-(Isopropylidenedioxy)propanol  
CN 2,3-Isopropylideneglycerol  
CN 2,3-O-Isopropylideneglycerol  
CN 2-Dimethyl-4-oxymethyl-1,3-dioxolane  
CN 4-(Hydroxymethyl)-2,2-dimethyl-1,3-dioxolane  
CN Acetone glycerin ketal  
CN Acetone glyceryl acetal  
CN Acetone monoglycerol ketal  
CN Dioxolan  
CN DL-Isopropylideneglycerol  
CN GIE  
CN Glycerin acetone ketal  
CN Glycerin isopropylidene ether  
CN Glycerol α,β-isopropylidene ether  
CN Glycerol acetonide  
CN Glycerol dimethylketal  
CN Glycerolacetone  
CN Isopropylidene glycerol  
CN NSC 59720  
CN Racemic solketal  
CN Solketal  
FS 3D CONCORD  
DR 22323-83-7, 36543-79-0  
MF C6 H12 O3  
CI COM  
LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSChem, DDFU, DRUGU, EMBASE, HODOC\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC, PROMT, PS, RTECS\*, SCISEARCH, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL (\*File contains numerically searchable property data)  
Other Sources: DSI\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1369 REFERENCES IN FILE CA (1907 TO DATE)  
 34 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 1370 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 33 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 34 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 100-51-6 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN Benzenemethanol (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Benzyl alcohol (8CI)  
 OTHER NAMES:  
 CN (Hydroxymethyl)benzene  
 CN  $\alpha$ -Hydroxytoluene  
 CN  $\alpha$ -Toluenol  
 CN Benzenecarbinol  
 CN Benzylic alcohol  
 CN NSC 8044  
 CN Phenylcarbinol  
 CN Phenylmethanol  
 CN Phenylmethyl alcohol  
 CN Sunmorl BK 20  
 CN TB 13G  
 FS 3D CONCORD  
 DR 1336-27-2, 185532-71-2  
 MF C7 H8 O  
 CI COM  
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DIOGENES, DIPPR\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM\*, PIRA, PROMT, PS, RTECS\*, SCISEARCH, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USAN, USPAT2, USPATFULL, VTB  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*, WHO  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)

HO-CH<sub>2</sub>-Ph

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

21911 REFERENCES IN FILE CA (1907 TO DATE)  
 518 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 21957 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 7 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 35 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 67-63-0 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN 2-Propanol (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:

CN Isopropyl alcohol (8CI)

OTHER NAMES:

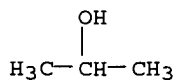
CN 1-Methylethanol  
 CN 1-Methylethyl alcohol  
 CN 2-Hydroxypropane  
 CN 2-Propyl alcohol  
 CN Alcojel  
 CN Alcosolve 2  
 CN Autosept  
 CN Avantin  
 CN Avantine  
 CN Combi-Schutz  
 CN Dimethylcarbinol  
 CN Hartosol  
 CN Imsol A  
 CN IPA  
 CN IPS 1  
 CN IPS 1 (alcohol)  
 CN iso-Propanol  
 CN iso-Propyl alcohol  
 CN Isohol  
 CN Isopropanol  
 CN Lutosol  
 CN n-Propan-2-ol  
 CN NSC 135801  
 CN Petrohol  
 CN PRO  
 CN Propol  
 CN sec-Propanol  
 CN sec-Propyl alcohol  
 CN Sterisol Hand Disinfectant  
 CN Takineocol  
 CN Tokuso IPA  
 CN Virahol  
 FS 3D CONCORD  
 DR 8013-70-5  
 MF C3 H8 O  
 CI COM  
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS,

BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB,  
 CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSChem, CSNB,  
 DDFU, DETHERM\*, DIOGENES, DIPPR\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2,  
 ENCOMPPAT, ENCOMPPAT2, GMELIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB,  
 IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM\*, PIRA,  
 PROMT, PS, RTECS\*, SCISEARCH, SPECINFO, SYNTHLINE, TOXCENTER, TULSA,  
 ULIDAT, USAN, USPAT2, USPATFULL, VETU, VTB

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

49822 REFERENCES IN FILE CA (1907 TO DATE)  
 820 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 49935 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 36 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 64-17-5 REGISTRY

Search done by Noble Jarrell

ED Entered STN: 16 Nov 1984  
CN Ethanol (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Ethyl alcohol (6CI, 7CI, 8CI)  
OTHER NAMES:  
CN 100C.NPA  
CN AHD 2000  
CN Alcare Hand Degermer  
CN Alcohol  
CN Alcohol anhydrous  
CN Algrain  
CN Anhydrol  
CN Anhydrol PM 4085  
CN CDA 19  
CN CDA 19-200  
CN Desinfektol EL  
CN Duplicating Fluid 100C.NPA  
CN Esumiru WK 88  
CN Ethicap  
CN Ethyl hydrate  
CN Ethyl hydroxide  
CN Hinetoless  
CN IMS 99  
CN Infinity Pure  
CN Jaysol  
CN Jaysol S  
CN Lux  
CN Methylcarbinol  
CN Molasses alcohol  
CN NSC 85228  
CN Potato alcohol  
CN SDA 3A  
CN SDA 40-2  
CN Sekundasprit  
CN SY Fresh M  
CN Synasol  
CN Tecsol  
CN Tecsol C  
FS 3D CONCORD  
DR 8000-16-6, 8024-45-1, 121182-78-3  
MF C2 H6 O  
CI COM  
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS,  
BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB,  
CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB,  
DDFU, DETHERM\*, DIOGENES, DIPPR\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2,  
ENCOMPPAT, ENCOMPPAT2, GMELIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB,  
IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM\*, PIRA,  
PROMT, PS, RTECS\*, SPECINFO, TOXCENTER, TULSA, ULIDAT, USAN, USPAT2,  
USPATFULL, VETU, VTB  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

H<sub>3</sub>C-CH<sub>2</sub>-OH

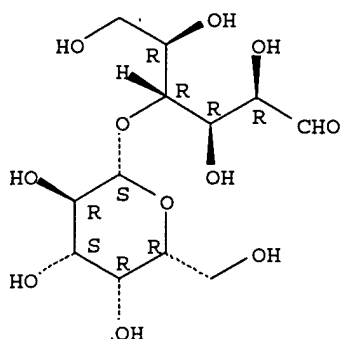
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

181582 REFERENCES IN FILE CA (1907 TO DATE)  
1580 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
181883 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
11 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

Search done by Noble Jarrell

L4 ANSWER 37 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 63-42-3 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN D-Glucose, 4-O- $\beta$ -D-galactopyranosyl- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Lactose (8CI)  
OTHER NAMES:  
CN (+)-Lactose  
CN AHL  
CN Aletobiose  
CN D-(+)-Lactose  
CN DCl 11  
CN Fast-flo  
CN Fast-Flo Lactose  
CN Flowlac 100  
CN Galactinum  
CN Granulac 140M  
CN Lactin  
CN Lactin (carbohydrate)  
CN Lactobiose  
CN Lactose anhydride  
CN Lactose anhydrous  
CN Lactose Fast-flo  
CN Milk sugar  
CN Nonpareil 107  
CN Osmolactan  
CN Pharmatosa DCL 21  
CN Pharmatose 21  
CN Pharmatose 325M  
CN Pharmatose DCL 15  
CN Primalac  
CN Respitose SV 003  
CN Saccharum lactin  
CN Sachelac  
CN Sorbalac 400  
CN Spherolac  
CN Super-Tab  
CN Tablettose  
CN Tablettose 70  
CN Tablettose 80  
CN Zeparox EP  
AR 16984-38-6  
FS STEREOSEARCH  
DR 1336-90-9, 36570-80-6, 73824-63-2, 89466-76-2, 35396-14-6, 200734-90-3  
MF C12 H22 O11  
CI COM  
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,  
CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DIOGENES, DRUGU,  
EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC,  
PDLCOM\*, PIRA, PROMT, PS, RTECS\*, SPECINFO, TOXCENTER, TULSA, USPAT2,  
USPATFULL, VETU  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry. Rotation (+).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

24276 REFERENCES IN FILE CA (1907 TO DATE)  
 642 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 24306 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 38 OF 38 REGISTRY COPYRIGHT 2005 ACS on STN

RN 57-55-6 REGISTRY

ED Entered STN: 16 Nov 1984

CN 1,2-Propanediol (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN (±)-1,2-Propanediol

CN (±)-Propylene glycol

CN (RS)-1,2-Propanediol

CN α-Propylene glycol

CN 1,2-(RS)-Propanediol

CN 1,2-Dihydroxypropane

CN 1,2-Propylene glycol

CN 1000PG

CN 2,3-Propanediol

CN 2-Hydroxypropanol

CN DL-1,2-Propanediol

CN dl-Propylene glycol

CN Dowfrost

CN Isopropylene glycol

CN Methylethyl glycol

CN Methylethylene glycol

CN Monopropylene glycol

CN NSC 69860

CN PG 12

CN Propylene glycol

CN Sirlene

CN Solar Winter Ban

CN Solargard P

CN Ucar 35

FS 3D CONCORD

DR 63625-56-9, 4254-16-4, 190913-75-8

MF C3 H8 O2

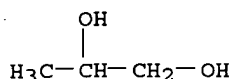
CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DIOGENES, DIPPR\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM\*, PHAR, PIRA, PROMT, PS, RTECS\*, SCISEARCH, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USAN, USPAT2, USPATFULL, VETU, VTB

(\*File contains numerically searchable property data)



Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

23965 REFERENCES IN FILE CA (1907 TO DATE)  
 3046 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 24016 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 19 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> b wpix

FILE 'WPIX' ENTERED AT 13:02:56 ON 27 JUL 2005  
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FILE LAST UPDATED: 25 JUL 2005 <20050725/UP>  
 MOST RECENT DERWENT UPDATE: 200547 <200547/DW>  
 DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE

>>> FOR A COPY OF THE DERWENT WORLD PATENTS INDEX STN USER GUIDE,  
 PLEASE VISIT:  
[http://www.stn-international.de/training\\_center/patents/stn\\_guide.pdf](http://www.stn-international.de/training_center/patents/stn_guide.pdf) <<<

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 GUIDES, PLEASE VISIT:  
<http://thomsonderwent.com/support/userguides/> <<<

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 DOCUMENTATION NOW AVAILABLE IN DERWENT WORLD PATENTS INDEX  
 FIRST VIEW - FILE WPIFV.  
 FOR FURTHER DETAILS: <http://www.thomsonderwent.com/dwpifv> <<<

>>> THE CPI AND EPI MANUAL CODES HAVE BEEN REVISED FROM UPDATE 200501.  
 PLEASE CHECK:  
<http://thomsonderwent.com/support/dwpioref/reftools/classification/code-revision/>  
 FOR DETAILS. <<<  
 'BIX BI,ABEX' IS DEFAULT SEARCH FIELD FOR 'WPIX' FILE

=> d all den drn l6 tot

L6 ANSWER 1 OF 1 WPIX COPYRIGHT 2005 THE THOMSON CORP on STN  
 AN 2002-698533 [75] WPIX  
 DNC C2002-197746  
 TI Use of aminoacetonitrile compounds for controlling endoparasitic pests in  
 warm-blooded protective livestock and domestic animals.  
 DC B05 C03  
 IN BOUVIER, J; DUCRAY, P  
 PA (NOVS) NOVARTIS AG; (NOVS) NOVARTIS PHARMA GMBH; (BOUV-I) BOUVIER J;  
 (DUCR-I) DUCRAY P; (NOVS) NOVARTIS-ERFINDUNGEN VERW GES MBH  
 CYC 88  
 PI WO 2002060257. A1 20020808 (200275)\* EN 36 A01N037-34  
 RW: AT BE CH CY DE DK EA ES FI FR GB GR IE IT LU MC NL PT SE TR  
 W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK  
 DM DZ EC EE ES FI GB GD GE GH HR HU ID IL IN IS JP KE KG KP KR KZ  
 LC LK LT LU LV MA MD MK MN MX NO NZ OM PH PL PT RO RU SE SG SI SK  
 TJ TM TN TR TT UA US UZ VN YU ZA ZW

Search done by Noble Jarrell

EP 1367891 A1 20031210 (200382) EN A01N037-34  
 R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT  
 RO SE SI TR

KR 2003063373 A 20030728 (200382) A61K031-275  
 BR 2002006576 A 20031216 (200404) A01N037-34  
 US 2004044074 A1 20040304 (200417) A01N037-34 <--  
 US 2004063766 A1 20040401 (200425) A61K031-44 <--  
 AU 2002250841 A1 20020812 (200427) A01N037-34  
 CN 1487788 A 20040407 (200441) A01N037-34  
 JP 2004524299 W 20040812 (200453) 66 A61K031-275  
 MX 2003006526 A1 20031001 (200466) A01N037-34  
 ZA 2003004017 A 20040825 (200466) 43 A01N000-00  
 AU 2002250841 B2 20050303 (200528) A01N037-34

ADT WO 2002060257 A1 WO 2002-EP568 20020121; EP 1367891 A1 EP  
 2002-719711 20020121, WO 2002-EP568 20020121; KR 2003063373 A KR  
 2003-706238 20030507; BR 2002006576 A BR 2002-6576 20020121, WO  
 2002-EP568 20020121; US 2004044074 A1 WO 2002-EP568 20020121  
 , US 2003-466824 20030721; US 2004063766 A1 Div ex WO 2002-EP568  
 20020121, Div ex US 2003-466824 20030721, US 2003-677972 20031002; AU  
 2002250841 A1 AU 2002-250841 20020121; CN 1487788 A CN 2002-803995  
 20020121; JP 2004524299 W JP 2002-560463 20020121, WO 2002-EP568  
 20020121; MX 2003006526 A1 WO 2002-EP568 20020121, MX  
 2003-6526 20030722; ZA 2003004017 A ZA 2003-4017 20030523; AU 2002250841  
 B2 AU 2002-250841 20020121

FDT EP 1367891 A1 Based on WO 2002060257; BR 2002006576 A Based on WO  
 2002060257; AU 2002250841 A1 Based on WO 2002060257; JP 2004524299 W Based  
 on WO 2002060257; MX 2003006526 A1 Based on WO 2002060257; AU 2002250841  
 B2 Previous Publ. AU 2002250841, Based on WO 2002060257

PRAI CH 2001-97 20010122

IC ICM A01N000-00; A01N037-34; A61K031-275; A61K031-44  
 ICS A61K031-277; A61P033-10

AB WO 2002060257 A UPAB: 20021120

NOVELTY - In controlling endoparasitic pests in warm-blooded protective  
 livestock and domestic animals, aminoacetonitrile compounds (I) are used.  
 DETAILED DESCRIPTION - In controlling endoparasitic pests in  
 warm-blooded protective livestock and domestic animals, aminoacetonitrile  
 compounds of formula (I) or their enantiomers are used.  
 Ar1 and Ar2 = phenyl (optionally substituted by T), phenoxy,  
 phenylacetylenyl, pyridyloxy (all optionally substituted by T1), pyridyl,  
 naphthyl (both optionally substituted by T2);  
 T = nitro, cyano, halo, 1-6C alkyl, halo(1-6C)alkyl, 1-6C alkoxy,  
 halo(1-6C)alkoxy, 2-6C alkenyl, halo(2-6C)alkenyl, 2-6C alkynyl, 3-6C  
 cycloalkyl, 2-6C alkenyloxy, halo(2-6C)alkenyloxy, 1-6C alkylthio,  
 halo(1-6C)alkylthio, 1-6C alkylsulfonyloxy, halo(1-6C)alkylsulfonyloxy,  
 1-6C alkylsulfinyl, halo(1-6C)alkylsulfinyl, 1-6C alkylsulfonyl,  
 halo(1-6C)alkylsulfonyl, 2-6C alkenylthio, halo(2-6C)alkenylthio, 2-6C  
 alkenylsulfinyl, halo(2-6C)alkenylsulfinyl, 2-6C alkenylsulfonyl,  
 halo(2-6C)alkenylsulfonyl, 1-6C alkylamino, di(1-6C)alkylamino, 1-6C  
 alkylsulfonylamino, halo(1-6C)alkylsulfonylamino, 1-6C alkylcarbonyl,  
 halo(1-6C)alkylcarbonyl, 1-6C alkoxycarbonyl, phenyl (optionally  
 substituted by T1);  
 T1 = halo, nitro, cyano, (halo)1-6C alkyl, (halo)1-6C alkoxy,  
 (halo)1-6C alkylthio, (halo)1-6C alkylsulfinyl or (halo)1-6C  
 alkylsulfonyl;  
 T2 = T1, (halo)2-6C alkenyloxy, (halo)2-6C alkenylthio, (halo)2-6C  
 alkenylsulfinyl, (halo)2-6C alkenylsulfonyl, 1-6C alkylamino or  
 di-(1-6C)alkylamino;  
 Q = C(R1)(R2), CH=CH or C equivalent to C;  
 R1 and R2 = H, halo, (halo)1-6C alkyl, (halo)1-6C alkoxy, 3-6C  
 cycloalkyl (optionally substituted by halo or 1-6C alkyl);  
 (R1+R2) = 2-6C alkylene (optionally substituted by halo, 1-6C alkyl  
 or 1-6C alkoxy);  
 d = 0 or 1;  
 R3 = H, (halo)1-6C alkyl, cyano(1-6C)alkyl, (halo)1-6C alkylthio,  
 2-6C alkenyl or 2-6C alkynyl;  
 R4 - R8 = H, halo, (halo)1-6C alkyl, 3-6C cycloalkyl (optionally

substituted by H or 1-6C alkyl), phenyl (optionally substituted by T3, 1-6C alkylamino or di-(1-6C)alkylamino);

R4+R5 = 2-6C alkylene;

W = O, S, S(O)2 or N(R9);

R9 = H or 1-6C alkyl;

a and b = 0 - 4.

provided that when b is 0 then W is other than O.

ACTIVITY - Insecticide; Acaricide; Pesticide; Nematocide;

Antihelmintic; Antiparasitic.

MECHANISM OF ACTION - None given in the source material.

USE - Compounds (I) are used in the preparation of pharmaceutical compositions for controlling endoparasites, specifically helminths, and parasites pests in warm-blooded animals such as productive livestock and domestic animals (all claimed).

ADVANTAGE - (I) provides good activity against endoparasites of warm-blooded animals and are tolerated extremely well by the host animal. (I) provides broad activity spectrum and are valuable active ingredients in the field of pest control and well tolerated by warm-blooded animals; fish and plants. (I) has efficacy against those parasites that are resistant towards active ingredients based on benzimidazole.

Dwg.0/0

FS  
CPI

FA AB; GI; DCN

MC CPI: B07-D04; B10-A09B; B10-A10; B10-A15; B14-B03; C07-D04; C10-A09B;  
C10-A10; C10-A15; C14-B03

M2 \*01\* DCN: 0076-68101-K; 0076-68101-T; 0076-68101-U

M2 \*02\* DCN: 0076-68102-K; 0076-68102-T; 0076-68102-U

M2 \*03\* DCN: RA0UUK-K; RA0UUK-T; RA0UUK-U

M2 \*04\* DCN: RA8ICU-K; RA8ICU-T; RA8ICU-U

M2 \*05\* DCN: RA8ICV-K; RA8ICV-T; RA8ICV-U

M2 \*06\* DCN: RA8ICW-K; RA8ICW-T; RA8ICW-U

M2 \*07\* DCN: RA8ICX-K; RA8ICX-T; RA8ICX-U

M2 \*08\* DCN: RA8ICY-K; RA8ICY-T; RA8ICY-U

M2 \*09\* DCN: RA8ICZ-K; RA8ICZ-T; RA8ICZ-U

M2 \*10\* DCN: RA8ID0-K; RA8ID0-T; RA8ID0-U

M2 \*11\* DCN: RA8ID1-K; RA8ID1-T; RA8ID1-U

M2 \*12\* DCN: RA8ID2-K; RA8ID2-T; RA8ID2-U

M2 \*13\* DCN: RA8ID3-K; RA8ID3-T; RA8ID3-U

M2 \*14\* DCN: RA8ID4-K; RA8ID4-T; RA8ID4-U

M2 \*15\* DCN: RA8ID5-K; RA8ID5-T; RA8ID5-U

M2 \*16\* DCN: RA8ID6-K; RA8ID6-T; RA8ID6-U

M2 \*17\* DCN: RA8ID7-K; RA8ID7-T; RA8ID7-U

M2 \*18\* DCN: RA8ID8-K; RA8ID8-T; RA8ID8-U

M2 \*19\* DCN: RA8ID9-K; RA8ID9-T; RA8ID9-U

M2 \*20\* DCN: RA8IDA-K; RA8IDA-T; RA8IDA-U

M2 \*21\* DCN: RA8IDB-K; RA8IDB-T; RA8IDB-U

M2 \*22\* DCN: RA8IDC-K; RA8IDC-T; RA8IDC-U

=> b home

FILE 'HOME' ENTERED AT 13:03:21 ON 27 JUL 2005

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